

SUPER CARE Detergents & Disinfectant Factory

New Industrial Area, Property-27744, P.o ---Box:- 1289, Khamis Salim Abdullah Khamis Buharoo Building, Umm Al Quwain- UAE , Tel.No:- +971 67 681 115

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME : **ACID CLEANER/CEMENT Remover**
MANUFACTURER/
SUPPLIER NAME : **M/S Supper care Factory**
TYPE : **IRRITANT**

2. INGREDIENTS

MATERIAL OR COMPONENT	CAS NO.	RANGE%
Hydrochloric Acid	7647-01-0	15-20
Alkyl dihydroxy ethyl betaine	61791-25-1	2-5

3. PHYSICAL DATA

Appearance	Light Yellow liquid
Boiling point	115
Specific gravity	1.035
Vapour Density	n/a
%Non volatile component	2
pH value	1
Melting point	-1°C
Vapour pressure	
Solubility in water %by weight	100
Evaporation rate	n/a

4. FIRE & EXPLOSION HAZARD DATA

Flash point	n/a
Flammable result in air &by volume	Lower Upper
Extinguishing media	Non flammable
Special fighting procedures	n/a
unusual Fire & Explosion Hazard	n/a

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HAZARDS OF

Inhalation	At high temperatures harmful acid vapours are produced
Skin contact	Irritation due to acid nature.
Skin absorption	None
Eye contact	Severe irritation
Ingestion.	Causes burning sensation to mouth & throat leading to pains& nausea .

EFFECTS OF

Acute overexposure	No harmful vapours when used as recommended to lead to over exposure
Chronic overexposure	No over exposure at normal usage recommendation

5. EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush with copious amount of clean water, if irritation persist seek immediate medical help.
Skin	Rinse with plenty of water &with NaHCO ₃ solution
Inhalation	No vapours produced under normal usage. Remove affected person to fresh air if fumes inhaled.
Ingestion	Wash & rinse mouth with water. Give plenty of milk or water to drink. Seek medical aid.

NOTES TO PHYSICIAN

Contains hydrochloric acid

6. REACTIVITY DATA

Conditions contributing to instability High temperatures

Materials/conditions to avoid Do not store with bleaches or alkalis.

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7. SPILL OR LEAK PROCEDURES

MINOR SPILL

Treat with mild alkaline cleaner or sodium carbonate & flush away with plenty of water.

MAJOR SPILL

Absorb bulk of spill with sand or sawdust and dispose of safely. Neutralise residue on floor with an alkaline cleanser or sodium carbonate and flush with plenty of water. Make sure the washing .

8. DISPOSAL PROCEDURES

No special requirements. However , please follow the local authority regulations.

9.PERSONAL PROTECTION INFORMATION

Ventilation requirement Good ventilation

Specific Personal protective Equipments

Respiratory (specify in detail)	None
Eye	Use of safety glass is recommended
Gloves	Rubber gloves
Other clothing & equipment	Protective foot wear

10.TRANSPORT &STORAGE

Usual Packing	5Ltr, 25Lt, polythene containers
Transport temp range	0-50oC
Storage temp range	0-50oC

WARNING

For safety reasons, we do not recommend that any of our products are mixed together with any other chemical. Any use of this product which is not in conformance with the data sheet, or which involves using the product in combination with any other products , or any process is the responsibility of the user.